# MARKETING WESTERN ARIZONA CANTALOUPS 1976 SEASON

## FEDERAL-STATE MARKET NEWS SERVICE

U.S. Department of Agriculture Agricultural Marketing Service Fruit and Vegetable Division Arizona Fruit and Vegetable Standardization Service

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### FORWARD

The Federal-State Market News Service provided daily market coverage of Western Arizona district Cantaloups from June 9 through July 7, 1976. This service was made possbile by the U.S. Department of Agriculture, Agricultural Marketing Service, Fruit and Vegetable Division and the Arizona Fruit and Vegetable Standardization Service.

The information contained in this summary was obtained chiefly from the daily reports issued at Yuma. Other sources of information include: The Arizona Fruit and Vegetable Standardization Service under the supervision of Mr. Loren Pike with assistance from Mr. Lloyd Burr, Inspector in Charge of the Yuma District, The Southern Pacific Railroad Co., Pacific Fruit Express Co., and the U.S. Department of Commerce, NOAA Weather Service under the local direction of Mr. Victor Cotten, Meteorologist.

Since this summary is being prepared and issued in July, it should be understood that some of the figures are not complete and are subject to revision.

We wish to express our sincere appreciation to all segments of the industry for their cooperation and time which made these reports possible.

This summary was prepared by The Federal-State Market News Service, M. J. Shine, Local Representative, Lois Smith, Phoenix, Arizona; and Cynthia Bostdorf, Yuma, Arizona. Additional copies may be obtained from the following offices:

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Market News Branch
Fruit & Vegetable Division
U.S. Department of Agriculture
Washington, D.C. 20250

### NARRATIVE REVIEW

Reporting Area: The reporting for Western Arizona covers the Yuma and the Parker-Poston areas. Shipments from Parker are those melons packed and shipped in Parker. Total shipments of Western Arizona include both these areas. Cantaloups grown in Parker-Poston but packed in Blythe are shown in the Blythe figures, just as in the past seasons.

Acreage: Western Arizona figures were up slightly in the Yuma area at 3,928 acres compared to 3,823 acres for the 1975 season. This is still below the five year average of 5,827 acres. The Parker acreage of 1,500 remained the same as 1975.

Growing Conditions: Due to the erratic weather patterns completion of planting was delayed until May first. Normally planting is completed by April 10th. March was cool and dry with some early days below normal. April was cool and wet with three record low temperatures recorded. May was another wet month. April and May were the wettest in the last eleven years. June was warm and dry, plus setting three record high minimum temperatures. This, plus above normal temperature from July 5th through the 9th had its effect on the melon crop. Some difficulty was reported on arrivals during early part of the season.

Harvesting: First truck shipment from Yuma was on May 29th and from Parker on June 16th. Packout during the early part of the season was heavy to jumbo 36s then heavy to 27s and 36s.

Marketing: The first  $F \bullet B$  market for Western Arizona was issued on June 9th with jumbo crate 368 at \$12.00-14.00 and 45s at \$10.00-12.00. This was down from the \$17.00-20.00 levels before there was sufficient volume for  $F \bullet B$  reporting. By June 15th the  $F \circ B$  price for jumbo crates settled at \$10.00 on 27s and \$12.00 on 36s, with market activity remaining active. During the last quarter of June, price levels gradually declined (see Page 7) closing out on jumbo crates of 27s at \$7.00 and 36s at 8.00.

Eripments and Production: Total shipments for Western Arizona District was 309 rail and 1100 carlot equivalents by truck for a total of 1508. This total was up from the 1272 carlots for 1975. The average yield for the Yuma area was 187 crates per acre. The average yield for 1975 and for the previous ten seasons was 161 crates per acre. The best yields were reported during the latter half of the season from the Dome Valley. All Yuma shippers in the area packed in wooden jumbo crates, and the major variety was 45. The parker shipper packed mostly in half cartons and some experimental packing of 2/3 crates.

Transportation Trends: Arizona truck shipments are inter-state movement, while California truck shipments are both inter and intra-state. All truck shipments are based on 600 crates per carlot equivalent. Transportation rates were up this season on both rail and truck. Despite this, total truck volume was 74 percent as compared to 60 percent for the 1975 season.

DATE	WESTERN ARIZ. R1 Tr	CENT. ARIZ. R1 Tr	IMP. VLY. Rl Tr	BLYTHE+ R1 Tr	BAKERS- FIELD+ R1 Tr	WEST SIDE+ R1 Tr	TEXAS R1 Tr	MEXICO Rl Tr	TOTALS*
MAY 29 30 31 JUNE 2 34 56 78 90 11 123 14 156 178 190 21 223 456 278 290 Total	1 - 467811981190966226699969273019009 174065542625463093333444442409 112212123233333334444442409 112212123233333334444442409	1 2 1 2 2 3 5 6	4 - 93 91 1 1 12 21 166 14 25 25 24 6 4 6 5 5 9 4 6 6 6 6 5 5 9 4 6 7 6 6 2 2 3 3 6 0 8 6 15 9 11 8 16 16 16 16 16 16 16 16 16 16 16 16 16	- 1 - 1 - 15 - 15 - 15 - 15 10 11 10 11 10 11 10 11 10 11 10 10 10				- 12 - 15 - 8 - 13 - 7 - 8 - 10 - 5	- 88 72 88 11 12 13 10 10 10 10 10 10 10 10 10 10
(3 days of May included	289 1) 808	8 	433 1188	114 474	20 54	_ :	29 1043	- 78	893 3666
JULY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	16 37 13 250 10 14 15 10 21 10 22 10 21 97 6 91 1 1 1 1 9 5 8 2 2	758517121 - 1 - 224 - 397	6 6 5 9 6 3 - 4 1 1	1 16 - 10 - 11 - 5 - 3 - 3 - 3 - 3 - 2 - 2	199446 199446 199446 13110 1536 110536 10	1 2 31 2 31 1 32 3 30 1 32 1 4 35 1 4 35 1 4 25 1 5 25 1 6 25 1 6 25 1 7	2 19 1 16 10 23 8 1 26 10 7 5 5 4		49 122 71 116 50 124 72 76 82 64 94 27 105 24 119 25 123 36 129 45 73 21 114 30 115 29 117 47 120 38 108 39 110
Total	110 301	79 129	21 35	1 61	307 505	280	204		798 2065
GRAND TOTAL	399 1109	87 150	454 1223	1 <b>1</b> 5 5 <b>3</b> 5	32 <b>7</b> 559	280 830	29 1247	78	1691 5731

<sup>\*</sup> Totals may include shipments not shown on the above table. The above figures are taken from the daily reports issued by the Federal-State Market News Office in Yuma and are subject to slight adjustments.
+Blythe is Palo Verde Vly. - Bakersfield is Southern San Joaquin Dist. - West Side is Central San Joaquin Dist.

15 YEAR PLANTED ACREAGE, TOTAL CRATES SHIPPED, YIELD, FIRST SHIPMENTS, PEAK SHIPMENTS

ATE	PLANTED ACREAGE	TOTAL CRATES SHIPPED	·	YIELD PER ACRE	FIRS SHIPME		PEAK	DAY	AK VOLUME EQUIVALEN	
9634567890123456 999667890123456	14,641 15,913 18,013 14,909 13,346 9,019 9,711 10,154 6,755 7,202 8,016 5,882 4,210 3,823 3,926+	2,136,108 2,372,523 2,128,589 1,806,971 1,894,683 1,229,717 1,304,869 1,511,863 1,154,590 1,476,471 1,207,390 1,033,466 767,541 617,396 733,232		146 149 118 121 142 136 134 149 170 205 151 176 182	May June May " June " June May " June May "	29 20 1 27 27 27 27 27 29 18 29 27 59	June  July June  June  June  June  June  May June  June  June  June	23 11 26 15 4&5 15 27 21&2 21&2 21 27 21&2 27 21&2 27 27 27 27 27 27 27 27 27 27 27 27 27	3278 2288 229 250 87 101 163 98 147 118 83 82* 69* 70*	

Truck carlot equivalent for the years 1961-65 basis 400, 1966-70 basis 500, 1971 to present basis 600 purce: Acreage, crates shipped & yield furnished by the Arizona Fruit & Vegetable Standardization ervice - Yuma office.

Is Western Arizona-includes Yuma and Parker. Adjusted figure.

ABLE NO. 3

### 15 YEAR RAIL AND TRUCK SHIPMENTS - YUMA AREA

		MENTS	SEASONS		SHIP	MENTS	SEASONS
TE	RAIL	TRUCK	TOTAL	DATE	RAIL	TRUCK	TOTAL
962 963 964 966 966 968 969	3,819 3,742 3,273 2,662 2,809 1,557 1,757 2,085	1,469 1,874 1,742 1,379 1,104 812 731	5,288 5,616 5,015 4,041 3,913 2,346 2,488 2,798	1970 1971 1972 1973 1974 1975	1,337 1,757 1,200 1,074 673 332 294	713 713 747 611 551 649 892	2,050 2,467 1,947 1,685 1,224 981 1,186

Truck carlot equivalent for the years 1961-65 basis 400, 1966-70 basis 500, 1971 to present basis 600

ABLE NO. 4	. ;				-												
			16 CI	TIES	- RAI	L ARRI	VALS-	UNLOAI	S-TRA	CK &	TRUCK	ARRIV	ALS				
UNE	1_	_ 2	3_	_ 4	7_	_ 8 _	2 .	10	_ 11_	14	_ 15_	_ 16_	_17.	<u> 18</u>	_ 21_	_ 22_	_ 2
rrivals inloads/Div.	4	1 3	-	1 2	8 -	3 4	8	2 5	4.	15 10	24	22 13	17 14	14 24	48 33	11 21	2
)N TRACK	8	6	6	5	13	12	14	11	12	17	22	31	34	24	39	29	3
"ruck	72	39	45 	46 	95	49	46	34	56 	82	42	41	40	33	68	42	5
UNE	24	25	<b></b> 28	29	30	JUI	Y 2	6	7	8	<b></b> 9	12	13	14	15	16	1
rrivals	22 32	14 12	33 21	18	33 24	27 34	43 33	76 50	60 35	70 65	40 60	83 69	60 77	33 57	38 53	21 31	 4 3
N TRACK	20	22	34	31	40	33	43	69	94	99	79	93	76	52	37	27	3
wuck	63	40	76	53	55	43	39	76	44	49	49	80	47	28	41	51	7

### DAILY F.O.B. PRICES, SHIPPING POINT BASIS, BY DISTRICTS WITH SHIPMENTS

### WESTERN ARIZONA

### --- Jumbo Crates ---

Date	Shipments RL & TR	27 's	36¹s	45 <b>'s</b>	Demand
June		The second second			No.
9	25		12.00-14.00	10.00-12.00	Moderate
10	25	w <b></b>	12.00-14.00	10.00-11.00	Fairly Good
īi	24	S10.00-11.00	12.00-14.00	10.00-11.00	Good
14	28	10.00	12.00	10.00	Good
	34	10.00	12.00	10.00	Good
11 14 15 16 17	31	10.00	12.00	F10.00-12.00	Very Good
17	43	10.00	12.00	F10.00-12.00	Very Good
18	45	10.00	12.00	F10.00-12.00	Very Good
18 21 22 23 24 25 28	59	10.00	12.00	F10.00	Good
22	.65	10.00	12.00	F10.00	Best Good
23	.70	9.00-10.00	11.00-12.00	F10.00	Best Good
24	64	8.00-10.00	10.00-12.00	F10.00	Light
25	58	<b>8.00-</b> 9.00	10.00-11.00	F9.00-10.00	Light
28	64	8.00	10.00	F9.00-10.00	Light
29	64	8.00-10.00	10.00-12.00		Fairly Light
30	56	7.00- 8.00	9.00-10.00		Moderate
July		1 <u>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </u>			
1 2 6 7	53	7.00- 8.00	9.00-10.00		Moderate
2	38	7.00- 8.00	9.00-10.00		Moderate
6	26	7.00- 8.00	10.00		Fairly Light
7	33	7.00	8.00 FINAL REPO	R.T.	Good
S=some	A49		TIME REFO		
F=few		***			
2 2011					

### IMPERIAL VALLEY

### --- Jumbo Crates ---

Date		ipmen	27¹s	36's	451s	Demand
June		46	 	18.00	16.00	Moderate
8	1 174	46 32		16.00	14.00	Moderate
8 9		57		12.00-14.00	10.00-12.00	Moderate
10		45	en es es	12.00-14.00	10.00-12.00	Good
11		47	10.00-12.00	12.00-14.00	10.00-11.00	Good
14		75	10.00	12.00	10.00-11.00	Good
15		74	10.00	12.00	10.00-11,00	Good
16		87	10.00	12.00	F10.00-11.00	Very Good
<b>1</b> 7		87	10.00	12.00	F10.00-11.00	Very Good
18		85	 10.00	12.00	F10.00-11.00	Very Good
21.		187	 10.00	12.00	F10.00-11.00	Good
22		107	10.00	12.00	F10.00-11.00	Good
23		84	9.00-10.00	11.00-12.00	F10.00-11.00	Good
24		96	9.00-10.00	11.00-12.00	F10.00	Good
25		78	8.00-10.00	10.00-12.00	F9.00~10.00	Fairly Light
28		51	8.00-10.00	10.00-12.00	F9.00-10.00	Light
29		<b>2</b> 2	8.00-10.00	10.00-12.00	F9.00~10.00	Light
			3.00 20.00	-LAST REPORT		

F=few

# DAILY WHOLESALE PRICES FOR ARIZONA CANTALOUPES AND CARLOT ARRIVALS (Generally Good Quality & Condition)

		BOSTON	(40.101411)			CHICAGO		
DATE	ARRIVALS RL TR	SALES (36s)	- SALES (27s)	DATE	ARRIVALS RL TR	SALES (36s)	SALES (27s)	
June 78 90 114 156 78 92 22 22 23 Jul 2 56 78 92 34 56 78 92 34 56 78 92 34 56 78 92 34 56	942 -26322-5226-765 42 -131122312123 330LIDAY 15-68642	22.00 22.00 22.00 22.00 21.00 21.00 20.00  17.00-18.50 14.00-16.00 14.00-16.00 12.00-14.00 12.00-14.00 13.00-15.00	15.00-16.00 	June 78 90 114 156 178 122 223 Jul 2 56 78 92 34 56 114 56 116 116 116 116 116 116 116 116 116	1 11 3 - 2 11 8 4 6 3 4 8 7 4 4 8 9 6 4 5 4 HOLIDAY 15 8 5 6 3 3 8 8 6	16.50-17.00 16.00-16.50 15.00-16.00 15.00	16.50-17.00	•
D A MITE	ARRIVALS	LOS ANGELES SALES (36s)	SALES (27s)	DATE	ARRIVALS RL TR	NEW YORK SALES (36s)	SALES (27s)	
DATE - June 78 90 11 11 11 11 11 11 11 11 11 11 11 11 11	RL TR - 21 8 - 13 - 14 - 7 - 20 - 15 - 11 - 19 - 25 - 26 - 13 - 17 - 16 - 23 - 32 - 7 - 29 - 23	18.00-20.00 14.00-15.00 14.00-15.00 		June June 78 90 111 14 15 16 718 21 22 23 24 25 30 July 1 2 56	3 12 - 12 2 8 - 3 1 10 4 5 - 8 2 2 11 7 18 6 20 5 4 5 10 11 8 5 11 7 14 11 2 15 6 10 15 16 HOLIDAY	28.00-30.00 26.00-30.00 26.00-28.00 26.00-23.00 20.00-23.00 22.00 23.00 23.00 22.00 23.00 23.00 21.00 19.00-20.00 19.00-20.00 18.00-19.00	20.00	

# YUMA MAXIMUM & MINIMUM TEMPERATURES & PRECIPITATION (Recorded at Yuma International Airport) March 1796 - July 1976

	March	April	May	June	July
Date	Max Min Pr	-	Max Min Pr		•
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 10 17 18 19 20 21 22 23 24 25 27 28 29 30 30 31	73 59 - 66 51 - 58 42 02 61 39 - 64 49 - 68 48 - 71 43 - 72 44 - 75 44 - 69 49 - 71 48 - 69 47 - 75 49 - 75 49 - 75 53 - 84 53 - 85 54 - 85 54 - 86 57 55 - 80 52 - 75 54 - 77 55 - 80 47 - 76 52 - 76 52 - 84 47 -	86 51 - 88 52 - 86 57 - 72 53 - 70 47 - 75 52 - 82 49 57 82 84 57 85 56 83 56 71 58 50 64 45 71 48 - 85 55 60 64 45 71 76 48 55 55 60 65 65 65 65 65 65 65 65 65 65 65 65 65	99 63 - 101 64 - 90 69 - 82 59 - 83 62 - 81 59 - 72 58 .09 82 55 - 91 59 - 95 65 - 99 66 - 106 67 - 104 71 - 106 66 - 102 69 - 100 67 - 101 72 - 100 76 - 99 73 - 95 73 - 94 68 - 94 65 - 98 64 - 93 69 - 91 62 - 98 66 - 101 68 - 99 66 - 88 66 - 91 63 - 95 64 -	99 63 - 101 65 - 99 71 - 99 68 - 100 68 - 99 71 - 98 66 - 99 71 - 84 65 - 87 57 - 94 62 - 101 67 - 102 67 - 104 68 - 105 69 - 107 75 - 109 76 - 109 84 - 108 82 - 109 76 - 109	107 73 - 104 69 - 102 76 - 106 71 - 110 77 - 114 81 - 113 85 - 108 87 - 105 83 - 100 83 T 96 82 T 102 79 - 102 81 - 105 79 - 106 80 - 97 83 - 98 82 T 104 81 - 104 77 -
Ttl Pr T - means	.02 trace of rain	.39 P:	.09 r - means precipi	tation -	T

### MONTHLY SUMMARY OF YUMA DISTRICT AGRICULTURAL WEATHER CONDITIONS

MARCH - March was cool and dry. Temperatures were much below normal the first of the month, then climbing to slightly above normal at midmonth. There were eight cold nights, but general protection was not required. The lowest temperature at survey stations was 28 at Dome Valley. Yuma, Mesa, Gadsden, and South Gila observed a low of 29. Total rainfall for the month was 0.02 inch which was 0.19 inch below normal.

APRIL - April was cool and wet. Total rainfall was 0.39 inch. Record low maximum temperature for the dates were set on the 13th, 14th, and 16th. Rainfall was the heaviest in April since 1965 when 1.20 inch was reported.

 $\frac{\text{MAY}}{\text{The}}$  - May was warm and wet. Total rainfall 0.09 inch. The maximum temperature of 72 on the 7th equaled the record low maximum for the date set in 1921 and 1964. Precipitation was the heaviest in May since 1965 with 0.37 inch.

JUNE - June was sunny, warm and dry. Minimum temperature of 84 on the 20th and 30th was a record hi minimum for those dates.

JULY - July (thru the 19th) was hot, sunny and dry. Temperatures were much above normal on the 5th thru the 9th and normal or below the remainder of the month thru the 19th. The 7th a minimum of 85 equaled a record high minimum for the date set in 1951 and 1959. The minimum of 87 on the 8th was the highest minimum for the date ever recorded.